

2018 Soybean Top 30 Performance Summary for Red River Valley North [RRNO]



All-Season Test

Maturity Group 00.7 - 0.4

Top 30 of 54

S2018RRNO

For Gross Income (Sorted by Yield), (5) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Ardoch	Cavalier	Karlstad	Warren
										\$/Acre	Rank				
Golden Harvest	GH0391	RR2Y	0.3	MR	43.0	33.1	18.6	13.1	0	\$291	1	30.5	43.2	22.6	42.8
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	41.8	33.1	19.2	12.7	1	\$283	2	31.8	38.7	23.9	44.9
Hefty	H04X8	RRX	0.4	MR	41.6	34.0	18.7	12.7	0	\$282	3	29.6	43.0	21.2	40.2
Legacy Seeds	LS-0135RR2 §	RR2Y	00.9	S	40.6	33.5	19.2	12.7	3	\$275	4	30.5	36.9	23.0	44.2
Dyna-Gro	S03XT29	RRX	0.3	R	39.2	33.2	18.3	12.8	0	\$266	5	34.2	33.8	23.8	44.5
Prairie Brand	PB-00928R2	RR2Y	00.9	S	39.1	33.4	19.0	12.4	0	\$265	6		39.6		38.6
NK Brand	S03-G9 §	RR2Y	0.3	MR	39.0	33.2	18.6	13.1	0	\$264	7		37.5		40.5
Mustang	02356	RR2Y	0.2	S	39.0	32.9	19.7	12.8	2	\$264	8		36.2		41.7
Asgrow	AG00937 §	RR2Y	00.9	S	38.8	33.6	18.7	12.2	0	\$263	9		36.3		41.2
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	38.7	33.7	18.7	12.8	0	\$262	10		34.6		42.8
NK Brand	S03-S6X §	RRX	0.3	S	38.5	33.1	18.4	13.0	1	\$261	11		34.2		42.7
Dairyland	DSR-0240/R2Y	RR2Y	0.2	S	38.0	33.6	18.5	12.9	0	\$258	12		36.3		39.7
Asgrow	AG02X8 §	RRX	0.2	S	38.0	35.0	18.4	12.7	1	\$258	13		36.3		39.7
Legacy Seeds	LS-0337NRR2X §	RRX	0.3	R	37.8	34.2	18.6	12.7	0	\$256	14		33.7		41.9
Dahlman	5601RR2Y	RR2Y	0.1	S	37.7	33.6	19.0	12.9	0	\$256	15		30.8		44.6
Hefty	H02X7	RRX	0.2	S	37.7	34.1	18.8	12.9	0	\$256	16		36.0		39.4
Thunder	36008R2YN	RR2Y	00.8	R	37.7	33.9	18.6	12.9	0	\$256	17		33.9		41.4
Dyna-Gro	S009XT68	RRX	00.9	S	37.7	34.0	17.8	12.9	1	\$256	18		36.3		39.0
Dyna-Gro	S04XT77	RRX	0.4	R	37.6	35.3	17.8	12.6	0	\$255	19		35.2		39.9
Hefty	H02X9	RRX	0.2	MR	37.6	33.5	18.2	12.7	1	\$255	20		36.6		38.6
Asgrow	AG03X7 §	RRX	0.3	R	37.5	34.2	17.8	12.3	0	\$254	21		33.7		41.2
Mustang	02X388	RRX	0.2	S	37.3	32.5	19.4	12.9	1	\$253	22		34.8		39.8
Hefty	H03X8	RRX	0.3	MR	37.1	34.0	18.1	13.4	1	\$251	23		33.2		41.0
Thunder	ASTRO	RR2Y	00.8	S	37.0	33.5	18.3	12.8	0	\$251	24		35.2		38.7
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	37.0	35.7	17.8	12.8	0	\$251	25		30.2		43.8
Thunder	3503R2Y	RR2Y	0.3	S	36.9	34.2	18.3	12.9	0	\$250	26		31.0		42.8
Latham	L0485R2	RR2Y	0.4	R	36.9	35.2	17.2	12.9	0	\$250	27		34.2		39.5
Golden Harvest	GH0145X	RRX	0.1	S	36.9	32.5	18.8	13.0	1	\$250	28		37.5		36.2
REA	RX0327	RRX	0.3	R	36.8	34.0	18.5	12.7	0	\$250	29		31.9		41.6
Thunder	SB87009	RRX	00.9	S	36.8	34.5	17.5	12.8	0	\$250	30		37.3		36.3

Data Rejected - Not in Summary

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Averages =	37.0	33.8	18.5	12.8	0	\$251	32.3	34.3	23.2	39.6
LSD (0.10) =	6.4	ns	0.8	1.6	1		3.7	3.6	4.8	3.5
LSD (0.25) =	3.3	ns	0.4	0.8	0		1.9	1.9	2.5	1.8

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Previous years average yield for region, 41.3 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$6.78 GMO; \$6.78 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Revised: 12/7/2018

Protein and oil results added

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.